

L Number	Hits	Search Text	DB	Time stamp
1	59	(US-5866933-\$ or US-5278105-\$ or US-5475251-\$ or US-4672221-\$ or US-5369299-\$ or US-5468990-\$ or US-5050123-\$ or US-5061978-\$ or US-5488251-\$ or US-5821582-\$ or US-6326675-\$ or US-6072328-\$ or US-6198155-\$ or US-5907008-\$ or US-5717224-\$ or US-5702849-\$ or US-5622787-\$ or US-6281266-\$ or US-6163062-\$ or US-6259495-\$ or US-5990491-\$ or US-RE37591-\$ or US-6380561-\$ or US-5966193-\$ or US-6031593-\$ or US-6791191-\$).did. or (US-6759722-\$ or US-6665782-\$ or US-6613661-\$ or US-6528885-\$ or US-6459629-\$ or US-6414884-\$ or US-6413847-\$ or US-6392259-\$ or US-6381115-\$ or US-6333213-\$ or US-6294816-\$ or US-6207479-\$ or US-6137318-\$ or US-6117762-\$ or US-6064110-\$ or US-5998858-\$ or US-5930663-\$ or US-5861652-\$ or US-5783846-\$ or US-5030796-\$ or US-4851894-\$).did. or (US-20010003374-\$ or US-20040119165-\$ or US-20040061186-\$ or US-20040047188-\$ or US-20030214002-\$ or US-20020096777-\$ or US-20020096776-\$ or US-20020096744-\$).did. or (JP-61296738-\$ or JP-11038221-\$ or JP-61147551-\$ or JP-10270562-\$).did.	USPAT; US-PGPUB; JPO	2004/11/04 07:40
2	43	((US-5866933-\$ or US-5278105-\$ or US-5475251-\$ or US-4672221-\$ or US-5369299-\$ or US-5468990-\$ or US-5050123-\$ or US-5061978-\$ or US-5488251-\$ or US-5821582-\$ or US-6326675-\$ or US-6072328-\$ or US-6198155-\$ or US-5907008-\$ or US-5717224-\$ or US-5702849-\$ or US-5622787-\$ or US-6281266-\$ or US-6163062-\$ or US-6259495-\$ or US-5990491-\$ or US-RE37591-\$ or US-6380561-\$ or US-5966193-\$ or US-6031593-\$ or US-6791191-\$).did. or (US-6759722-\$ or US-6665782-\$ or US-6613661-\$ or US-6528885-\$ or US-6459629-\$ or US-6414884-\$ or US-6413847-\$ or US-6392259-\$ or US-6381115-\$ or US-6333213-\$ or US-6294816-\$ or US-6207479-\$ or US-6137318-\$ or US-6117762-\$ or US-6064110-\$ or US-5998858-\$ or US-5930663-\$ or US-5861652-\$ or US-5783846-\$ or US-5030796-\$ or US-4851894-\$).did. or (US-20010003374-\$ or US-20040119165-\$ or US-20040061186-\$ or US-20040047188-\$ or US-20030214002-\$ or US-20020096777-\$ or US-20020096776-\$ or US-20020096744-\$).did. or (JP-61296738-\$ or JP-11038221-\$ or JP-61147551-\$ or JP-10270562-\$).did.) and (via vias hole) 6791191.URPN.	USPAT; US-PGPUB; JPO	2004/11/04 08:24
3	0	6791191.URPN.	USPAT	2004/11/04 07:43

4	88	("3673471" "3946426" "4017888" "4139864" "4164461" "4196443" "4267578" "4291391" "4295897" "4314268" "4317273" "4374454" "4409434" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4939567" "4962484" "4975756" "4998151" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5121089" "5121186" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5506806" "5531018" "5539224" "5541614" "5571735" "5576988" "5611940" "5638946" "5679595" "5719422" "5719430" "5721150" "5783846" "5838047" "5854510" "5866933" "5880503" "5920097" "5930663" "5973375" "5977593" "6046659" "6054659" "6057520" "6117762" "6154388" "6215158" "6294816" "6326675") .PN.	USPAT	2004/11/04 07:43
5	15	5468990.URPN.	USPAT	2004/11/04 07:46
6	7	("4030952" "5030796" "5070386" "5109267" "5231299" "5308682" "5337274") .PN.	USPAT	2004/11/04 07:49
7	0	6613661.URPN.	USPAT	2004/11/04 07:56
8	60	("3946426" "4101344" "4139864" "4164461" "4267578" "4291391" "4295897" "4314268" "4317273" "4343079" "4374454" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4975756" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5539224" "5721150" "5783846" "5866933" "5930663" "5973375" "6064110" "6294816") .PN.	USPAT	2004/11/04 07:56

9	60	("3946426" "4101344" "4139864" "4164461" "4267578" "4291391" "4295897" "4314268" "4317273" "4343079" "4374454" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4975756" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5539224" "5721150" "5783846" "5866933" "5930663" "5973375" "6064110" "6294816") .PN.	USPAT	2004/11/04 08:02
10	0	6528885.URPN.	USPAT	2004/11/04 08:04
11	0	6528885.URPN.	USPAT	2004/11/04 08:04
12	9	("5336624" "5629236" "5789313" "5909058" "5930663" "5946563" "5990988" "6069036" "6380087") .PN.	USPAT	2004/11/04 08:04
13	8	("4962484" "5506806" "5576988" "5783846" "5866933" "5930663" "6117762" "6154388") .PN.	USPAT	2004/11/04 08:06
14	0	6459629.URPN.	USPAT	2004/11/04 08:07
15	0	6413847.URPN.	USPAT	2004/11/04 08:11
16	6	("5798298" "5959320" "6022804" "6133144" "6218282" "6243653") .PN.	USPAT	2004/11/04 08:12
17	2	6207479.URPN.	USPAT	2004/11/04 08:17
18	3	("5088061" "5629860" "5872027") .PN.	USPAT	2004/11/04 08:17
19	1480	reverse near1 engineering) (opaque near1 conductive near1 shielding	USPAT; US-PGPUB; EPO; JPO	2004/11/04 08:53
20	1132	(reverse near1 engineering) (opaque near1 conductive near1 shielding) and (via vias hole ((metal conductive) near plug))	USPAT; US-PGPUB; JPO	2004/11/04 08:25
21	140	((reverse near1 engineering) (opaque near1 conductive near1 shielding) and (via vias hole ((metal conductive) near plug))) and ((conductive metal) near1 (line layer))	USPAT; US-PGPUB; EPO; JPO	2004/11/04 08:54

22	143	((US-5866933-\$ or US-5278105-\$ or US-5475251-\$ or US-4672221-\$ or US-5369299-\$ or US-5468990-\$ or US-5050123-\$ or US-5061978-\$ or US-5488251-\$ or US-5821582-\$ or US-6326675-\$ or US-6072328-\$ or US-6198155-\$ or US-5907008-\$ or US-5717224-\$ or US-5702849-\$ or US-5622787-\$ or US-6281266-\$ or US-6163062-\$ or US-6259495-\$ or US-5990491-\$ or US-RE37591-\$ or US-6380561-\$ or US-5966193-\$ or US-6031593-\$ or US-6791191-\$).did. or (US-6759722-\$ or US-6665782-\$ or US-6613661-\$ or US-6528885-\$ or US-6459629-\$ or US-6414884-\$ or US-6413847-\$ or US-6392259-\$ or US-6381115-\$ or US-6333213-\$ or US-6294816-\$ or US-6207479-\$ or US-6137318-\$ or US-6117762-\$ or US-6064110-\$ or US-5998858-\$ or US-5930663-\$ or US-5861652-\$ or US-5783846-\$ or US-5030796-\$ or US-4851894-\$).did. or (US-20010003374-\$ or US-20040119165-\$ or US-20040061186-\$ or US-20040047188-\$ or US-20030214002-\$ or US-20020096777-\$ or US-20020096776-\$ or US-20020096744-\$).did. or (JP-61296738-\$ or JP-11038221-\$ or JP-61147551-\$ or JP-10270562-\$).did.) ("3673471" "3946426" "4017888" "4139864" "4164461" "4196443" "4267578" "4291391" "4295897" "4314268" "4317273" "4374454" "4409434" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4939567" "4962484" "4975756" "4998151" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5121089" "5121186" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5506806" "5531018" "5539224" "5541614" "5571735" "5576988" "5611940" "5638946" "5679595" "5719422" "5719430" "5721150" "5783846" "5838047" "5854510" "5866933" "5880503" "5920097" "5930663" "5973375" "5977593" "6046659" "6054659" "6057520" "6117762" "6154388" "6215158" "6294816" "6326675").PN.) 5468990.URPN. ("3946426" "4101344" "4139864" "4164461" "4267578" "4291391" "4295897" "4314268" "4317273" "4343079" "4374454" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4975756" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5506806" "5531018" "5539224" "5541614" "5571735" "5576988" "5611940" "5638946" "5679595" "5719422" "5719430" "5721150" "5783846" "5838047" "5854510" "5866933" "5880503" "5920097" "5930663" "5973375" "5977593" "6046659" "6054659" "6057520" "6117762" "6154388" "6215158" "6294816" "6326675").PN.)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 08:27
Search History 11/4/04 10:26:19 AM Page 4 C:\APPS\EAST\Workspaces\reverse-engineering-semiconductor-device.wsp				

23	127	((reverse near1 engineering) (opaque near1 conductive near1 shielding) and (via vias hole ((metal conductive) near plug))) and ((conductive metal) near1 (line layer))) not ((US-5866933-\$ or US-5278105-\$ or US-5475251-\$ or US-4672221-\$ or US-5369299-\$ or US-5468990-\$ or US-5050123-\$ or US-5061978-\$ or US-5488251-\$ or US-5821582-\$ or US-6326675-\$ or US-6072328-\$ or US-6198155-\$ or US-5907008-\$ or US-5717224-\$ or US-5702849-\$ or US-5622787-\$ or US-6281266-\$ or US-6163062-\$ or US-6259495-\$ or US-5990491-\$ or US-RE37591-\$ or US-6380561-\$ or US-5966193-\$ or US-6031593-\$ or US-6791191-\$).did. or (US-6759722-\$ or US-6665782-\$ or US-6613661-\$ or US-6528885-\$ or US-6459629-\$ or US-6414884-\$ or US-6413847-\$ or US-6392259-\$ or US-6381115-\$ or US-6333213-\$ or US-6294816-\$ or US-6207479-\$ or US-6137318-\$ or US-6117762-\$ or US-6064110-\$ or US-5998858-\$ or US-5930663-\$ or US-5861652-\$ or US-5783846-\$ or US-5030796-\$ or US-4851894-\$).did. or (US-20010003374-\$ or US-20040119165-\$ or US-20040061186-\$ or US-20040047188-\$ or US-20030214002-\$ or US-20020096777-\$ or US-20020096776-\$ or US-20020096744-\$).did. or (JP-61296738-\$ or JP-11038221-\$ or JP-61147551-\$ or JP-10270562-\$).did.) (("3673471" "3946426" "4017888" "4139864" "4164461" "4196443" "4267578" "4291391" "4295897" "4314268" "4317273" "4374454" "4409434" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4939567" "4962484" "4975756" "4998151" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5121089" "5121186" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5506806" "5531018" "5539224" "5541614" "5571735" "5576988" "5611940" "5638946" "5679595" "5719422" "5719430" "5721150" "5783846" "5838047" "5854510" "5866933" "5880503" "5920097" "5930663" "5973375" "5977593" "6046659" "6054659" "6057520" "6117762" "6154388" "6215158" "6294816" "6326675").PN.) 5468990.URPN. (("3946426" "4101344" "4139864" "4164461" "4267578" "4291391" "4295897" "4314268" "4317273" "4343079" "4374454" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4975756" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5121089" "5121186" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5506806" "5531018" "5539224" "5541614" "5571735" "5576988" "5611940" "5638946" "5679595" "5719422" "5719430" "5721150" "5783846" "5838047" "5854510" "5866933" "5880503" "5920097" "5930663" "5973375" "5977593" "6046659" "6054659" "6057520" "6117762" "6154388" "6215158" "6294816" "6326675").PN.) 5468990.URPN. (("3946426" "4101344" "4139864" "4164461" "4267578" "4291391" "4295897" "4314268" "4317273" "4343079" "4374454" "4435895" "4471376" "4581628" "4583011" "4603381" "4623255" "4727493" "4766516" "4799096" "4821085" "4830974" "4975756" "5030796" "5050123" "5061978" "5065208" "5068697" "5070378" "5101121" "5117276" "5121089" "5121186" "5132571" "5138197" "5146117" "5168340" "5202591" "5227649" "5231299" "5302539" "5308682" "5309015" "5336624" "5341013" "5354704" "5369299" "5371390" "5376577" "5384472" "5399441" "5441902" "5468990" "5475251" "5506806" "5531018" "5539224" "5541614" "5571735" "5576988" "5611940" "5638946" "5679595" "5719422" "5719430" "5721150" "5783846" "5838047" "5854510" "5866933" "5880503" "5920097" "5930663" "5973375" "5977593" "6046659" "6054659" "6057520" "6117762" "6154388" "6215158" "6294816" "6326675").PN.) 5468990.URPN. (("3946426" "4101344" "4139864" "4164461" "4267578" "4291391" "4295897" "4314268" "4317273" "4343079" "4374454" "4435895" "4471376" "4581628" "45
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24	1480	reverse near1 engineering	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:26
25	38	((reverse near1 engineering) and ((conductive metal) near line)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:27
26	27	((reverse near1 engineering) and ((conductive metal) near line)) and interconnect\$3 and (plug via vias)	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:26
27	1	EIJI-KAWAI	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:07
28	183	KAWAI-EIJI	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:09
29	2010	reverse near1 engineer\$3	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:26
30	1529	((reverse near1 engineer\$3) and (plug via vias))	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:26
31	39	((reverse near1 engineer\$3) and (plug via vias)) and ((conductive metal) near1 (wiring pattern line))	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:28
33	8	((reverse near1 engineer\$3) and (plug via vias)) and (dummy near1 (wiring pattern line))	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:30
32	43	((reverse near1 engineer\$3) and (plug via vias)) and ((conductive wiring metal) near1 (wiring pattern line))	USPAT; US-PGPUB; EPO; JPO	2004/11/04 09:30
34	8	YEH-TSUEI-CHI	USPAT; US-PGPUB; EPO; JPO	2004/11/04 10:25
35	5	CHANG-WEI-YEN CHANG-WEI-YI CHANG-WEI-YIN CHANG-WEI-YU	USPAT; US-PGPUB; EPO; JPO	2004/11/04 10:25